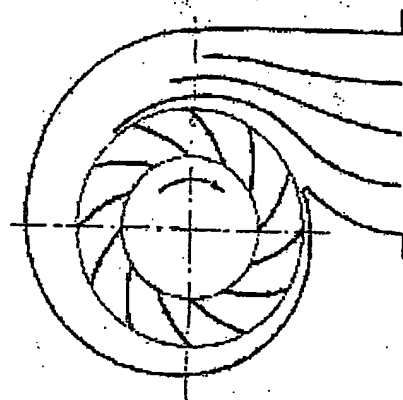


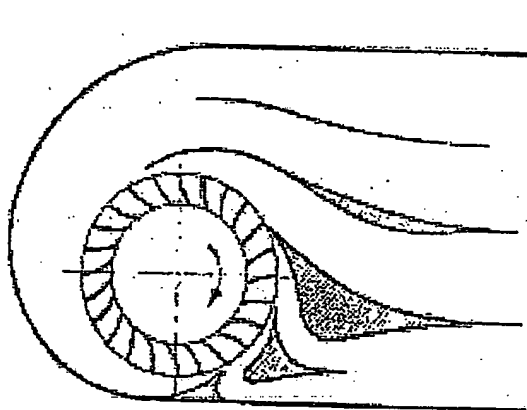


"Replacement Sheet"



1x
≅ wheel
diameter

Figure 1a (Prior Art)
Guide vanes in diffuser discharge



≅ 2x wheel
diameter

Figure 1b (Prior Art)
High aspect ratio discharge

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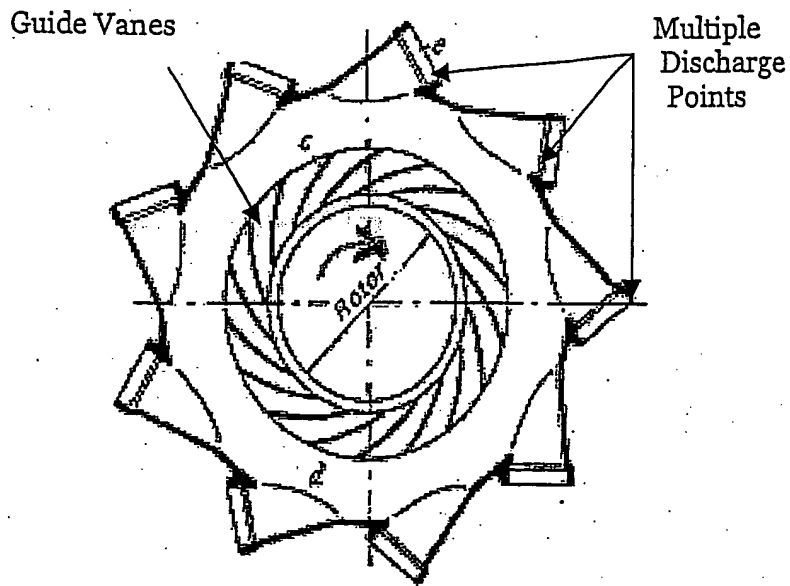


Figure 2b (Prior Art)
Vane diffuser w/ multiple discharges

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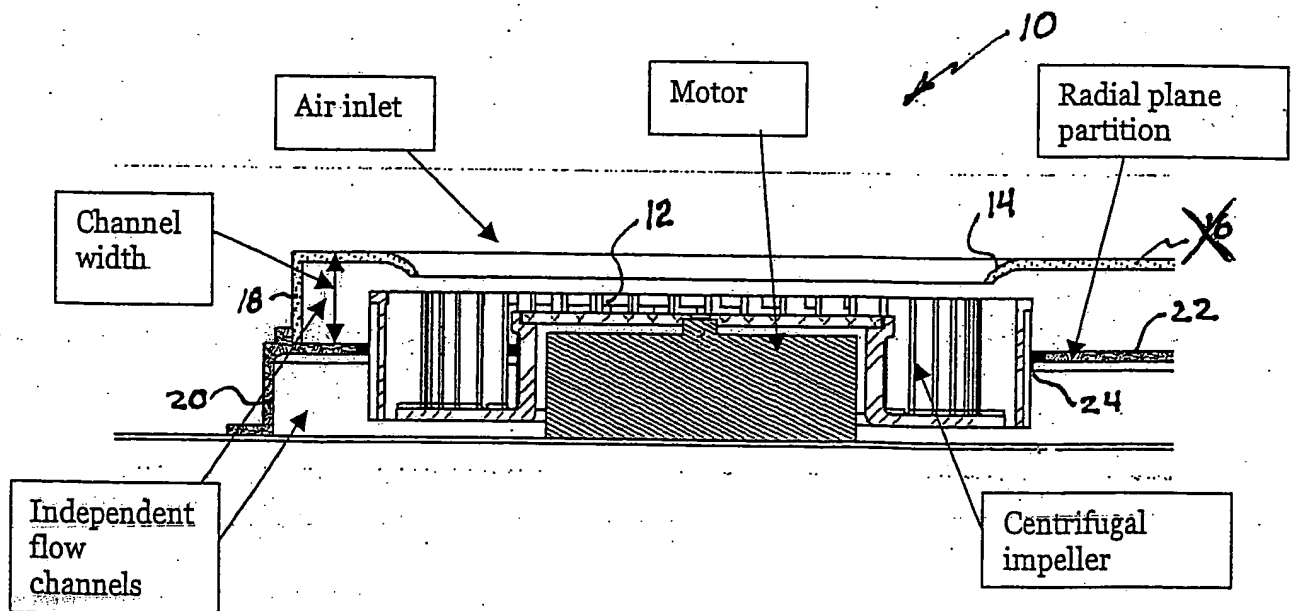


Figure 3
New design approach